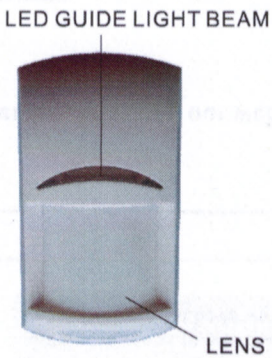
MC-435 DMT PIR intrusion detector user manual

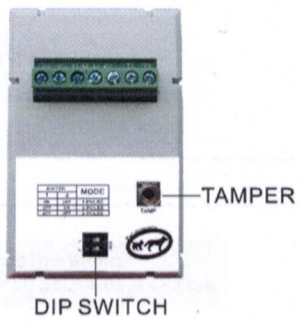
1.Brife introduction

MC-435 DMT is a kind of PIR detector used to detect the suddenness and hostile intrusion and can meet the normal defending needs. And it has small and white streamline design. Can be installed on the wall or at the front direction with the 45 degrees. The ideal installing height is 2.3m higher than the floor. The detecting area can avoid the protecting dead zone. the optical sensitivity setting can suit for different installing environment. The product is built-in tamper switch to prevent the non-auth oritical taking-away.

The product can widely be used in family, store,bank, office, warehouse, garage and so on



shell



BOTTOM SHELL

2.specification

Model: MC-435 DMT

Detecting distance: 9m / 25℃

Input voltage: 12VDC

Current consumption: ≤15mA

The part of Ir(see the right picture)

alarm and tamper

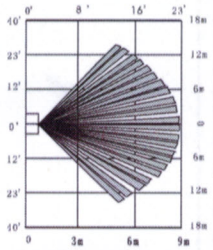
Alarm output: solid relay, NC

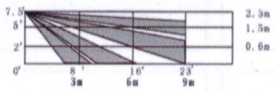
Less than 100mA/30V, --10 Ω interior impedance

Tamper terminal: NC,50mA/30VDC

Less than 100mA/30V, --10 Ω interior impedance

Alarming indicator: the blue light on is alarm


Top view of wall-mounted


Side view

installation: installed on the wall or at the wall corner, and the installing height is 2.0-2.4 from the floor

note: base seat allow the 45 degrees installation between the single corner and corner

working environment:

working temperature: -10℃-50℃

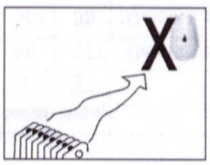
stroring temperature: -20℃-60℃

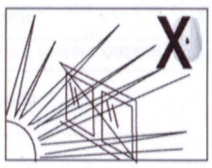
Anti-white(indoor): higher than 9000LUX

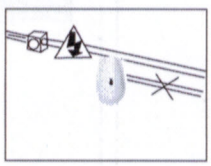
anti-radiation: 30V/ m , 10MHz-1000MHz

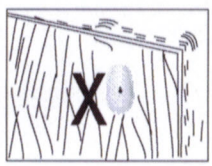
3.installation

3.1、Attentions


Do not face hot and cold source

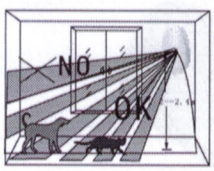

Do not face the sun directly


Do not install at the place loose-basement

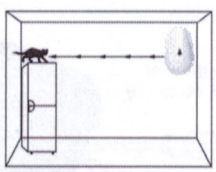

The wiring can not together with the high voltage

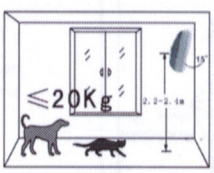
Do not face metal-wall

3.2、Pet-immunity guideline

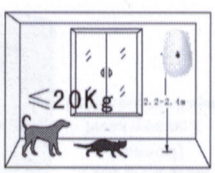


The top of the detecting area is the zone of non-pet-immunity

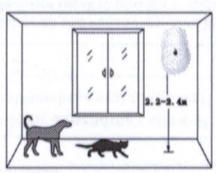

Do not directly face the detector to the place where the pets can climbing on



Pet immunity:<20Kg pets

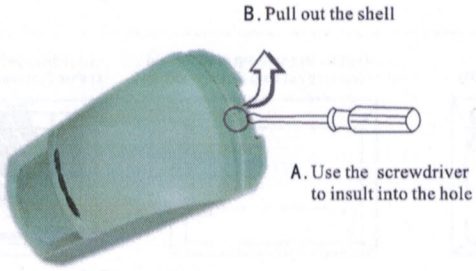


The detecting pet-immunity can be smaller than 20KG

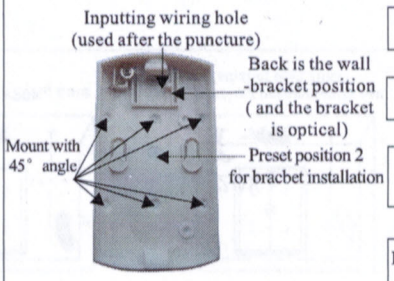

The installing height is 2.2m-2.4m can have the function of pet-immunity

3.3、Installing shown

①. Decomposition step



②. Installing base: higher than the floor for 2.0m-2.4m


Inputting wiring hole (used after the puncture)
Back is the wall -bracket position (and the bracket is optical)
Mount with 45° angle
Preset position 2 for bracbet installation

A.Mark the drilling hole then drill on the wall

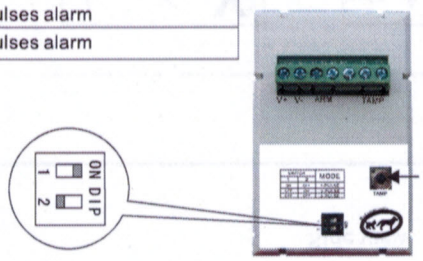
B.Wiring from the behind slot to the base

C.Insult the expanding nails and install the base seat to the wall

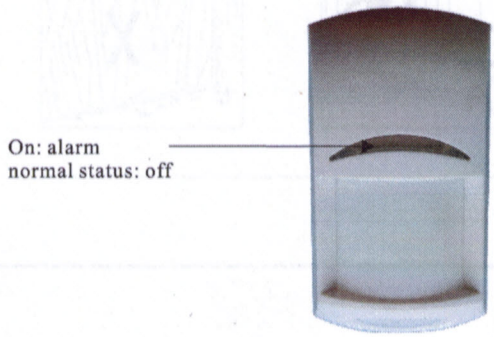
D.Install back the removing part to the bottom buckle and then clam it

3.4、DIP switch description

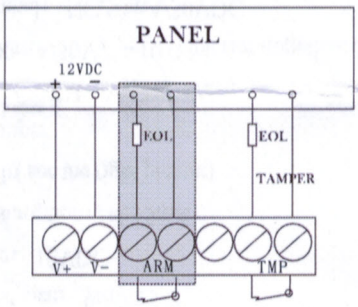
Switch status		Function
1	2	
ON	OFF	Detect 1 pulse alarm(factory default)
OFF	ON	Detect 2 pulses alarm
OFF	OFF	Detect 3 pulses alarm

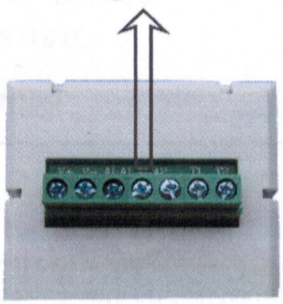


3.5、Light indicator instruction



3.6、Terminals wiring





3.7、Walk test in the covering area

Cover the case and hop the button

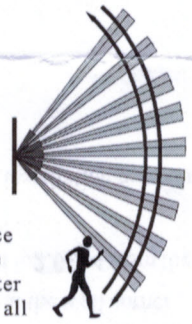
1, powering on, after the self-checking, then start the walk test.

2,at the far end of the covering area, moving at any direction, need to light the LED for 2s-3s

3, test at the convert direction to make sure the perimeter of the two sides. To make the detecting center face to the protecting center.

4,slowly hang up your hands at the distance of 3-6m of the detector and stretch to the detecting area, mark the bottom perimeter of the PIR. Repeat the step to make sure all the perimeters

5, the detecting center should be vertical . If can not get the ideal detecting distance , adjust the detecting area to make the right direction.



Important note: to make sure the good performance of the detector, suggest have walk test once in a month.

4.After-sale service

If need help, please telephone our technical service number, or can visite our website to know more information

Waring: if the problems caused by in-narmal operation, own responsibility yourself.